

Monthly Report
June 2005 Vol. 10, No. 6
Ajaib Singh, D.V.M., Ph. D.

MICROBIOLOGY REPORT: The June 2005 issue of Microbiology Monthly Report, Volume 10, presents the laboratory diagnosis of some of the infectious diseases, the reference microbiology work done in this laboratory during May 2005 and new cases of syphilis in Milwaukee during April 2005. Information on the laboratory diagnosed mycobacterial infections in Wisconsin during April is also included.

Legionnaires Disease (May 2005) No positive case detected

Pertussis (Whooping cough,(May 2005) No positive case detected

Syphilis (May 2005)

Test	Number Positive	Test	Number Positive
RPR	1	FTA-ABS	17
VDRL	34	DARKFIELD	0

New Cases (Syphilis)

The Wisconsin Division of Health has reported 4 new cases (early stages) of syphilis during April 2005 in Milwaukee. The median age of early syphilis cases is 31 years (range: 24-43 years). Morbidity distributions of the disease reported in this and the corresponding month of the previous year are as follows::

New Cases of Syphilis (April 2005 and April 2004)

Stage	Number of Cases	
	April 2005	April 2004
Primary syphilis	0	0
Secondary syphilis	0	2
Early latent syphilis	4	6
Late latent syphilis	0	2
Total	4	10

Gonorrhea (MHD – May 2005)

Number Tested	Decreased Susceptibility (DS)/Resistance (R) to Antibiotics			
	Ciprofloxacin	Ceftriaxone	Spectinomycin	Azithromycin
45	0	2 (DS)	0	0

Gonorrhea from Other Sources (May 2005)

Number Tested	Decreased Susceptibility (DS)/Resistance (R) to Antibiotics			
	Ciprofloxacin	Ceftriaxone	Spectinomycin	Azithromycin
5	0	0	0	0

Isolates Other Than *N. gonorrhoeae* (May 2005)

Organism	Site	Number Isolates	Organism	Site	Number Isolates
<i>Ureaplasma urealyticum</i>	Genital	28	<i>Mycoplasma hominis</i>	Genital	8

Parasitic Enteric Pathogens (May 2005)

Age	Sex	Pathogen	Number Cases
5	M	<i>Giardia lamblia</i>	1
		<i>Blastocystis hominis</i>	
22	F	<i>Entamoeba coli</i>	1
23	M	<i>Hymenolepis nana</i>	1

Mycobacterial Infections (May 2005) No positive case detected

Reference Cultures (May 2005)

Age	Sex	Site/Specimen Source	Culture Identification
59	F	Stool	<i>Campylobacter coli</i>
79	F	N.A.	<i>Pasteurella multocida</i>
59	F	Peritoneal	<i>Pasteurella gallinarum</i>
90	M	Blood	<i>Aerococcus viridans</i>
57	M	Blood	<i>Bacillus sp. (NOT B. anthracis)</i>
7	F	Stool	<i>Escherichia coli</i> O157:H7
59	M	Urine	<i>Proteus mirabilis</i>
40	M	Stool	<i>Aeromonas sp</i>
84	F	Blood	<i>Pasteurella gallinarum</i>
80	M	Wound	<i>Oligella urethralis</i>
80	M	Rt. inner calf	<i>Oligella urethralis</i>
22	F	Stool	<i>Yersinia kristensenii</i>
72	F	Stool	<i>Escherichia coli</i> O157:H7

Bacterial Enteric Pathogens (May 2005)

Age	Sex	Pathogen	Age	Sex	Pathogen
15	M	<i>Shigella flexneri</i>	87	F	<i>Salmonella</i> subsp II 50(Z):b:Z6
31	F	<i>Shigella sonnei</i>	27	M	<i>Salmonella saintpaul</i>
4	F	<i>Shigella sonnei</i>	32	F	<i>Salmonella montevideo</i>
4	M	<i>Shigella sonnei</i>	80	M	<i>Salmonella enteritidis</i>
4	F	<i>Shigella sonnei</i>	45	F	<i>Salmonella enteritidis</i>
			16	M	<i>Salmonella enteritidis</i>
7mo	F	<i>Salmonella durham</i>	84	F	<i>Salmonella enteritidis</i>
14	F	<i>Salmonella kintambo</i>	15	M	<i>Salmonella enteritidis</i>
64	F	<i>Salmonella anatum</i>	27	M	<i>Salmonella enteritidis</i>
23	M	<i>Salmonella reading</i>			